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IN THE CLAIMS

Amend the claims as follows:

 (Currently amended) A method for increasing cardiac output comprising:

positioning a first electrode proximate to a left sympathetic nerve pathway and positioning a second electrode proximate to a right sympathetic nerve pathway; [and] determining whether to increase heart rate or increase inotropy; and selectively delivering an electrical signal to [at least one of] the first electrode to

increase inotropy [and] or to the second electrode to [stimulate a sympathetic nerve and thereby increase cardiac output] increase heart rate.

- 2. (Original) The method of claim 1, wherein the positioning includes positioning the first electrode proximate to a left sympathetic nerve ganglion.
- 3. (Original) The method of claim 1, wherein the positioning includes positioning the second electrode proximate to a right sympathetic nerve ganglion.
- 4. (Original) The method of claim 1, wherein the positioning includes positioning the first electrode proximate to a left sympathetic epicardial nerve.
- 5. (Original) The method of claim 1, wherein the positioning includes positioning the second electrode proximate to a right sympathetic epicardial nerve.
- 6. (Original) The method of claim 1, wherein the positioning includes positioning the first electrode proximate to a left sympathetic cardiac nerve.
- 7. (Original) The method of claim 1, wherein the positioning includes positioning the second electrode proximate to a right sympathetic cardiac nerve.

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- 8. (Original) The method of claim 1, wherein the positioning includes positioning the first electrode proximate to an epicardial plexus innervated by a left sympathetic nerve.
- 9. (Original) The method of claim 1, wherein the positioning includes positioning the second electrode proximate to an epicardial plexus innervated by a right sympathetic nerve.
- 10. (Withdrawn) The method of claim 1, wherein the delivering delivers an electrical signal to the first electrode to stimulate a left sympathetic nerve and thereby increase inotropy.
- 11. (Withdrawn) The method of claim 1, wherein the delivering delivers an electrical signal to the second electrode to stimulate a right sympathetic nerve and thereby increase heart rate.
- 12. (Withdrawn) The method of claim 1, wherein the delivering delivers an electrical signal to the first electrode to stimulate a left sympathetic nerve and thereby increase inotropy and delivers an electrical signal to the second electrode to stimulate a right sympathetic nerve and thereby increase heart rate.
- 13. (Original) The method of claim 1, wherein the electrical signal includes parameters, the parameters selected from the group consisting of amplitude, frequency, voltage, current, energy, charge, power, and pulse width.
- 14. (Original) One or more computer-readable media having computer-readable instructions thereon which, when executed by a programmable stimulation device, causes a stimulation device to execute the delivering of claim 1.

- 15. (Canceled) An apparatus for stimulating a sympathetic nerve, comprising:
- a lead, the lead comprising at least one electrode, the lead positionable proximate to a sympathetic nerve; and
- a processor configured to determine a refractory period and to initiate delivery of one or more stimulation pulses via the lead during the refractory period.
- 16. (Canceled) The apparatus of claim 15, further comprising at least one pacing electrode.
- 17. (Canceled) The apparatus of claim 15, further comprising at least one defibrillation electrode.
- 18. (Canceled) The apparatus of claim 15 comprising at least one electrode positionable proximate to a left sympathetic nerve and at least one electrode positionable proximate to a right sympathetic nerve.
- 19. (Canceled) An apparatus for stimulating a left sympathetic nerve and a right sympathetic nerve comprising a controller for determining cardiac output and for determining an electrical signal, the electrical signal based on cardiac output and for stimulating a right sympathetic nerve and/or a left sympathetic nerve.
- 20. (Canceled) The apparatus of claim 19 wherein the controller comprises a pressure sensor adapted to sense pressure in a right ventricle and to generate an electrical pressure signal corresponding to the sensed pressure, an integrator supplied with said pressure signal which integrates said pressure signal between a start time and a stop time to produce an integration result, corresponding to said cardiac output.

- 21. (Withdrawn) A method for increasing heart rate comprising: detecting a need for increased heart rate; and delivering an electrical signal to an electrode to stimulate a right sympathetic nerve.
- 22. (Withdrawn) The method of claim 21 further comprising determining whether the delivering increased heart rate.
- 23. (Withdrawn) The method of claim 21 further comprising repeating the delivering if the determining determines that heart rate was not increased.
- 24. (Withdrawn) The method of claim 21 wherein the right sympathetic nerve is an epicardial nerve.
- 25. (Withdrawn) The method of claim 21, wherein the electrical signal includes parameters, the parameters selected from the group consisting of amplitude, frequency, voltage, current, energy, charge, power, and pulse width.
- 26. (Withdrawn) One or more computer-readable media having computer-readable instructions thereon which, when executed by a programmable stimulation device, causes a stimulation device to execute the method of claim 21.
- 27. (Withdrawn) A method for increasing inotropy comprising: detecting a need for increased inotropy; and delivering an electrical signal to an electrode to stimulate a left sympathetic nervé.
- 28. (Withdrawn) The method of claim 27 further comprising determining whether the delivering increased inotropy.

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- 29. (Withdrawn) The method of claim 27 further comprising repeating the delivering if the determining determines that inotropy was not increased.
- 30. (Withdrawn) The method of claim 27 wherein the left sympathetic nerve is an epicardial nerve.
- 31. (Withdrawn) The method of claim 27, wherein the electrical signal includes parameters, the parameters selected from the group consisting of amplitude, frequency, voltage, current, energy, charge, power, and pulse width.
- 32. (Withdrawn) One or more computer-readable media having computer-readable instructions thereon which, when executed by a programmable stimulation device, causes a stimulation device to execute the method of claim 27.
- 33. (Currently Amended) A method for increasing cardiac output comprising:

detecting a need for increased cardiac output; [and]

determining whether to increase heart rate or increase inotropy or both; and selectively delivering electrical signals to a first electrode proximate to a left sympathetic nerve pathway to increase inotropy [and] or to a second electrode proximate to a right sympathetic nerve pathway to [stimulate sympathetic nerves and thereby increase cardiac output] increase heart rate.

- 34. (Original) The method of claim 33, wherein the first electrode is proximate to a left sympathetic nerve gandlion.
- 35. (Original) The method of claim 33, wherein the second electrode is proximate to a right sympathetic nerve ganglion.

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- 36. (Original) The method of claim 33, wherein the first electrode is proximate to a left sympathetic epicardial nerve.
- 37. (Original) The method of claim 33, wherein the second electrode is proximate to a right sympathetic epicardial nerve.
- 38. (Original) The method of claim 33, wherein the first electrode is proximate to a left sympathetic cardiac nerve.
- 39. (Original) The method of claim 33, wherein the second electrode is proximate to a right sympathetic cardiac nerve.
- 40. (Original) The method of claim 33, wherein the first electrode is proximate to an epicardial plexus innervated by a left sympathetic nerve.
- 41. (Original) The method of claim 33, wherein the second electrode is proximate to an epicardial plexus innervated by a right sympathetic nerve.
- 42. (Withdrawn) The method of claim 33, wherein the delivering delivers an electrical signal to the first electrode to stimulate a left sympathetic nerve and thereby increase inotropy.
- 43. (Withdrawn) The method of claim 33, wherein the delivering delivers an electrical signal to the second electrode to stimulate a right sympathetic nerve and thereby increase heart rate.
- 44. (Withdrawn) The method of claim 33, wherein the delivering delivers an electrical signal to the first electrode to stimulate a left sympathetic nerve and thereby increase inotropy and delivers an electrical signal to the second electrode to stimulate a right sympathetic nerve and thereby increase heart rate.

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- 45. (Original) The method of claim 33, wherein the electrical signal includes parameters, the parameters selected from the group consisting of amplitude, frequency, voltage, current, energy, charge, power, and pulse width.
- 46. (Original) One or more computer-readable media having computer-readable instructions thereon which, when executed by a programmable stimulation device, causes a stimulation device to execute the method of claim 33.
- 47. (Withdrawn) A method of treating a heart in a patient, comprising: administering to the patient a sympatholytic agent; detecting a need for increased cardiac output; and stimulating a left sympathetic nerve and/or a right sympathetic nerve based on the detecting.
- 48. (Withdrawn) A method of treating a heart in a patient comprising:
 administering to the patient a sympathomimetic agent;
 detecting a need for increased cardiac output; and
 stimulating a left sympathetic nerve and/or a right sympathetic nerve based on the detecting.

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